

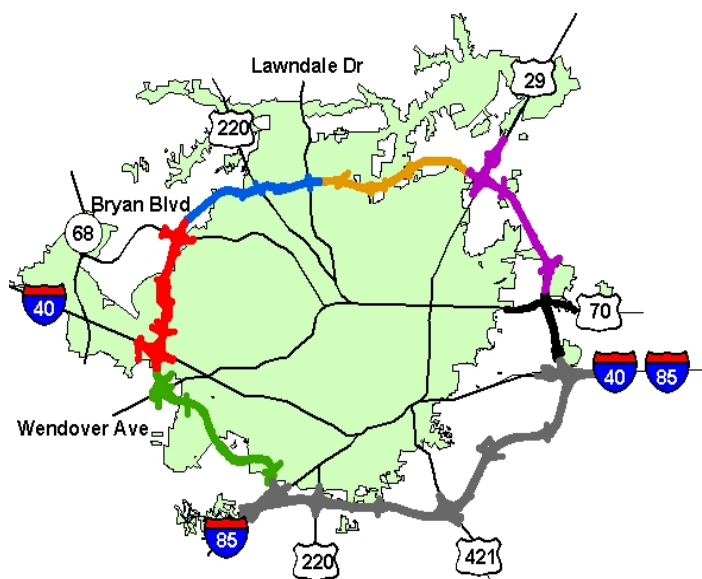
# TRANSPORTATION PROJECT UPDATE

## GREENSBORO URBAN AREA

This newsletter provides the latest scheduling and status information for major transportation projects in the Greensboro Urban Area - an area covering the City of Greensboro and much of Guilford County with the exception of Burlington/Gibsonville/Whitsett area in the east and the High Point/Jamestown area in the southwest. Major NCDOT and City of Greensboro projects are included.

### Greensboro Urban Loop

NCDOT



#### Eastern Urban Loop (U-2525):

The Eastern Urban Loop will extend from I-85/I-40 to Lawndale Drive.

- US 70 to I-40/I-85 near McConnell Road. *Completed May 2002.*
- US 70 to US 29. *Start of right-of-way acquisition expected to begin in 2009 (accelerated from 2010), and start of construction expected to begin in 2011 (accelerated from Post Year).*
- US 29 to Lawndale Drive. *Start of right-of-way acquisition and construction expected sometime after 2013.*

#### Southern Urban Loop (I-2402):

- The Southern Urban Loop / I-85 Bypass *opened to traffic in February 2004.*



#### Western Urban Loop (U-2524):

The Western Urban Loop will extend from I-85 to Lawndale Drive.

- I-40 to Bryan Boulevard. *Under construction, completion expected late 2007.*
- I-85 to I-40. *Under construction, completion expected Summer 2007.*
- Bryan Boulevard to Lawndale Drive. *Right-of-way acquisition and start of construction expected sometime after 2013.*

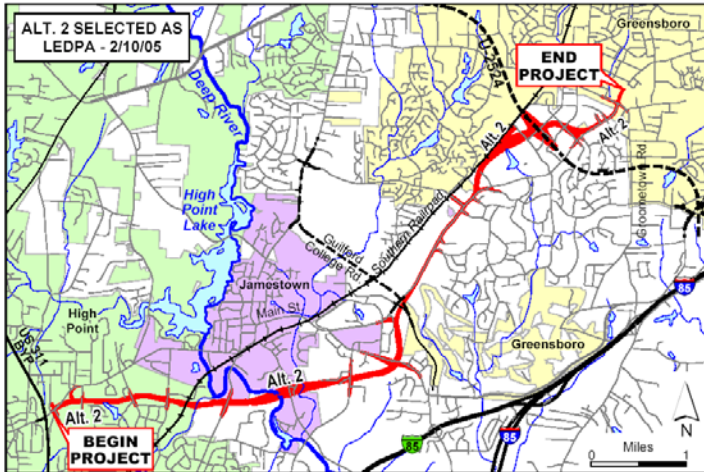


NCDOT projects reflect the Draft 2007-2013 State Transportation Improvement Program (STIP) and the Draft Metropolitan Transportation Improvement Program (MTIP). Please go to [www.ncdot.org](http://www.ncdot.org) for more information on the STIP, and [www.guamapo.org](http://www.guamapo.org) for more information on the MTIP. The STIP and MTIP documents are consistent. The MTIP covers the Greensboro Urban Area and must be adopted by the MPO Transportation Advisory Committee for STIP projects to proceed. The STIP is adopted by the North Carolina Board of Transportation. Both documents are expected for adoption around Spring 2007.

For more information on projects in the design and construction phase **for active NCDOT projects** call Division 7 at (336) 334-3192. **For active City of Greensboro projects** call the Engineering & Inspections Department at (336) 373-2303. **For plans, proposals, and future needs** contact the Greensboro Department of Transportation, which houses both the MPO staff, and the City Transportation Planning and Traffic Engineering staffs at (336) 373-4368.

## High Point Road

NCDOT



High Point Road (**U-2412**) will be widened and partially relocated from Hilltop Road to the proposed US 311 Bypass in High Point. Sections will be relocated around the old Jefferson Pilot Headquarters and south of the center of Jamestown.

- **Section A** US 311 Bypass to Stanford Road.  
*Right-of-way 2009 — construction 2012.*
- **Section B** Stanford Road to Groometown/Hilltop.  
*Right-of-way 2009 — construction 2011.*

## NC 68 / US 220 Connector

NCDOT

The first section of the NC 68 / US 220 Connector (**R-2413C**) will run along existing US 220 from just south of the Haw River to the NC 68 intersection in Rockingham County. *Construction expected to begin in 2009.* The second section (**R-2413A/B**) will follow a new alignment from US 220 just south of the Haw River, cross NC 150, Brookbank Road, Bunch Road, and Alcorn Road and connect to NC 68 north of Pleasant Ridge Road. *Right-of-way acquisition expected to begin in 2010 and construction is expected to begin in 2013.* Most of the Connector will be built to interstate standards, with sections along existing US 220 to be upgraded to interstate standards later.

## Greensboro Signal System Replacement

GSO NCDOT

The Greensboro Signal System (**U-4711**) is scheduled to be replaced. The purpose of the project is to update the system's technology including replacing the central computer, intersection controllers, wiring network and other field equipment to fiber optics. The new equipment will make the system more dependable and allow the system to be more adaptive to traffic changes, expand the current network of cameras and expand to the system to cover more intersections as Greensboro continues to grow. *The project is scheduled to begin in 2008.*

## US 220 Widening

NCDOT

US 220 (**R-2309AB**) will be widened to a four lanes with a median from Horse Pen Creek Road to Winfree Road in Summerfield. Right-of-way acquisition is expected to begin in 2008 and construction expected to begin in 2010.

## Bridford Parkway Extension

NCDOT

Bridford Parkway (**U-4006**) will be extended from Hornaday Road north over I-40 and across Guilford College Road to Burnt Poplar Road. *Right-of-way Acquisition is expected to begin in 2007 and construction expected to begin in 2009.*

## Groometown Road

NCDOT

Groometown Road (**U-3313**) will be widened to four lanes with a median from Grandover Parkway / Wiley Davis Road to Wayne/Vandalia Road. *Construction is expected to begin in 2007.*

## Gallimore Dairy Road

GSO NCDOT

The first section (**U-4015B**) from Market Street to I-40 is complete. This was made possible by a loan from the City of Greensboro to NCDOT to be repaid in 2008. (**U-4015A**) from I-40 to NC 68 is currently under study. Right-of-way acquisition and construction is expected after 2013.

## Bryan Boulevard Relocation

NCDOT

The relocation of Bryan Boulevard (**U-2815C**) west of the new third runway at the Piedmont Triad International Airport is underway. The current Inman Road interchange will be replaced by a new interchange at relocated Old Oak Ridge Road. This will become the primary access point to the Airport. *Construction is completion expected in early 2008.* This project is being managed by the Piedmont Triad International Airport Authority with costs reimbursed by NCDOT.

## Reedy Fork Parkway / US 29 Interchange

GSO NCDOT

This project will reconstruct the Reedy Fork Parkway / US 29 Interchange (**R-4707**). The purpose of the project is to increase traffic capacity to meet future demands, replace the existing deficient bridge, prepare for US 29 to be upgraded to interstate standards and widen Summit Avenue from the interchange to Bryan Park Road. The City is developing an environmental study and preliminary design in cooperation with NCDOT. *The project is currently unfunded for construction.*

## Guilford College

NCDOT

Guilford College Road from I-40 to High Point Road is being widened and partially relocated in phases:

- **Section I-2201 BB** I-40 to Nicholas Road. *Complete.*
- **Section U-2524 AA** Nicholas Road to south of Ruffin Road with new interchange at Wendover Avenue. *Complete.*
- **Section U-2913 A** From Mackay Road to High Point Road on new location. *Complete.*
- **Section U-2913 B** South of Ruffin Road to Mackay Road widening. *Construction underway, completion late 2006.*

## Hilltop Road

GSO NCDOT

The City of Greensboro is currently widening Hilltop Road to five lanes from Adams Farm Parkway to the existing multi-lane section near Pennoak Drive. *Completion expected Fall 2006.*

NCDOT plans to widen the portion from Guilford College Road to Adams Farm Parkway (**U-3612**). *Construction expected to begin Spring 2007.*

## West Market Street

NCDOT

West Market Street (**R-2611**) is scheduled to be widened to four lanes with a median from NC 68 to Bunker Hill Road. *Right-of-way to begin in 2008 and Construction to begin in 2010.* (**U-3617**) from Bunker Hill Road west to NC 66 in Kernersville is currently unfunded.

## Hornaday Road

GSO NCDOT

Hornaday Road is to be extended westward to Chimney Rock Road to provide an east-west collector parallel to I-40. This is a joint City / NCDOT project with the City constructing the roadway and NCDOT constructing the bridge over the Urban Loop (**U-4750**) with a loan from the City of Greensboro. *Bridge and road construction expected to begin early 2007.*

## Battleground Rail Trail

GSO

Battleground Rail Trail will be a multi-use trail primarily constructed along an abandoned railroad corridor from Pisgah Church Road to Markland Drive. Construction plans include an underpass at Cone Boulevard. *Construction expected to begin in mid to late 2007 on the underpass followed by the remaining trail construction.*



Computer generated rendering.

## Bicycle & Pedestrian Improvements

GSO NCDOT

### Bicycle Improvements

As recommended in the MPO BiPed Plan, an ongoing program of on-street bicycling improvements has begun.

- Bike lanes and accommodations on Florida Street from Holden Road to East Lee Street; *complete.*
- Bike lanes Spring Garden Street between Downtown and Holden Road ; *complete.*
- Shoulders to be extended two feet on Church Street from Whistling Swan Drive to Spencer Dixon Road; *early 2007.*



### Pedestrian Improvements

Sidewalks are being added through the City priority sidewalk construction program, with City road widening projects, and with most NCDOT projects in the urbanized area. Pedestrian crossing improvements throughout the City are also underway. Upcoming sidewalk projects include:

- Bessemer Avenue from Huffine Mill Road to Tucker Avenue.
- Cornwallis Drive between Lawndale Avenue and Church Street.
- Randleman Road from Farragut Street to Glendale Drive.



## Transit Improvements

GTA

With support from NCDOT and City of Greensboro, enhancements to date include:

- The state-of-the-art J. Douglas Galyon Depot.
- HEAT (Higher Education Area Transit) began August 2006; offered to students attending six area institutions of higher education as well as non-student transit riders; students' ID work as a bus pass. 10 buses were purchased to implement service.
- The new South Town Connector was added to provide service to the new Hemphill Library on Vandalia Road and the new Wal-Mart Supercenter at Elm-Eugene Street and I-85. 6 buses were purchased for this route.

Future system enhancements include:

- 30-minute all day service on all GTA routes beginning January 2007.





**ROADWAY PROJECTS**

**US 421 at Woody Mill Road & Neelley Road (R-2612)**

Construct new interchanges at US 421 & Woody Mill Road beginning 2010 and US 421 & Neelley Road beginning after 2013. *Environmental documentation and final project scope to be completed in 2006.*

**US 158 from I-40 Business in Forsyth County to US 220 (R-2577)** Widen to multi-lanes sometime after 2013. *Environmental study underway.*

**US 158 from US 220 to US 29 Business in Rockingham County (R-2580)** Widen to multi-lanes sometime after 2013.

**US 70 from Mt. Hope Church Road to Rock Creek Dairy Road (U-2581 B)** Widen to multi-lanes sometime after 2013.

**US 70 from Rock Creek Dairy Road into Alamance County (R-2910)** Widen to multi-lanes sometime after 2013.

**Sandy Ridge Road at I-40** Construct right-turn lane up to westbound I-40 Ramp from Triad Drive. *Construction pending.*

**Randleman Road and Steeplechase Road** intersection improvement project. *Construction pending*

**US 29 at Bothwell Street and at Ryan Street** remove access to US 29. *Construction expected late 2006.*

**NC 150 and Lake Brandt Road** construct left-turn lanes on all approaches and install signal. *Construction pending.*

**MAJOR BRIDGE PROJECTS**

**16<sup>th</sup> Street Bridge over Norfolk Southern Railway (B-3930)** *Construction expected to begin Fall 2006.*

**East Market Street Bridge over US 29 (B-3851)** Construction to incorporate East Market Streetscape elements. Current northbound US 29 off ramp will be eliminated and moved adjacent to the current US 29 northbound on-ramp. The ramps will be aligned with Gillespie Street. *Construction underway, expected completion late 2006.*

**Ballinger Road Bridge at Horse Pen Creek (B-4695)** *Construction expected to begin Spring 2007.*

**CITY OF GREENSBORO CAPITAL IMPROVEMENTS**

**Sidewalk Contract 2006-038** Approximately four miles. *Construction expected to begin early 2007.*

**Merritt Drive Widening** from I-40 to High Point Road to five lanes and sidewalks both sides. *Construction expected to begin Summer/Fall 2007.*

**Friendly Avenue** from Holden to Westridge Road is to be reconstructed with a median, two lanes in each direction and sidewalks on both sides. *Construction underway, completion expected Summer 2007.*

**Elm-Eugene Street** from JJ Drive to Vandalia Road. Center continuous left turn lane to be replaced with landscaped median plus sidewalks on both sides. *Construction expected to begin Spring 2007.*

**New Garden Road** from Jefferson Road to Brassfield Road to be widened to four lanes with a median and sidewalks on both sides. *Construction expected to begin Summer 2007.*

**Florida Street and Randolph Avenue** intersection improvement project. *Construction expected to begin early 2007.*

**Wendover Avenue and Norwalk Street** intersection improvement project. *Construction expected early 2007.*

**West Market Street and Walker Avenue** intersection improvement project. *Construction expected mid 2007.*

**Wendover Avenue and Clifton Road** intersection improvement project. *Construction expected mid 2007.*

**West Market Street and College Road/Guilford College Road** intersection improvement project. *Construction expected early to mid 2009.*



**GREENSBORO URBAN AREA  
METROPOLITAN PLANNING ORGANIZATION**

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Or visit: [www.guampo.org](http://www.guampo.org)

## **Year 2000 Transportation Bond Projects**

On November 7, 2000 Greensboro voters approved \$73.75 million in bonds for Transportation Improvement Projects. These projects will improve transportation safety and aesthetics and are an important investment in the city's transportation infrastructure.

### **Various Sidewalk Projects – City Wide**

Contracts for sidewalks along major thoroughfares are being formulated. A contract currently is under construction of projects primarily identified as “worn paths”. Additional projects are being planned with the aim of connecting disjointed sections of sidewalks and neighborhoods to schools, parks and shopping. *Construction underway.*

### **Various Bikeway Projects – City Wide**

Various bikeway projects are in the early planning stages with the goal of providing safe off-street facilities that connect neighborhoods with parks and businesses, parks with parks and the use of a former railroad corridor. *Construction underway.*

### **Wendover Avenue – Big Tree Way to Stanley Rd.**

*City Council Districts 4 & 5*

Wendover Avenue between Big Tree Way and Stanley Road is the fastest growing section of roadway in Greensboro. Future commercial and infrastructure improvements in the area will place additional demands on an already stressed facility. Currently there are three through lanes of travel in each direction on the bridge across I-40. One of the westbound through lanes terminates at the bridge. Improvements would include maintaining three through lanes in each direction on the bridge. *Project complete.*

### **Wendover Avenue - Bridford Pkwy to Edwardia Dr.**

*City Council Districts 4 & 5*

This project involves intersection improvements to increase vehicle capacity and the construction of sidewalks along both sides to accommodate pedestrian needs along this fastest growing section of roadway in Greensboro. *Construction expected to be complete Fall 2006.*

### **NC 68 – W Market St. to Gallimore Dairy Rd.**

*City Council District 5*

This project is based on recommendations from NCDOT to improve the traffic capacity and safety of NC 68. Improvements include additional northbound and southbound through lanes, turn lane improvements at intersections and intersection realignments. *Project complete.*

### **East Market Street Streetscape**

*City Council Districts 1 & 2*

The East Market Street Corridor Development Plan identifies improvements for pedestrian safety and access, and improve the physical image to develop “a sense of place” for the area. Streetscape and traffic management improvements are a critical component to the East Market Street revitalization efforts. *Phase I construction complete, Phase II completion Spring 2007.*

### **Church Street Streetscape**

*City Council Districts 1 & 2*

Church Street has been identified as a critical link between the cultural district attractions (Central Library, Historical Museum, Children's Museum and Cultural Arts Center) and the planned Multi-Modal Transportation Center. Improvements to address pedestrian activity, aesthetics and safety are warranted. *Construction start yet to be determined..*

### **Creek Ridge Road – Randleman Rd. to US 220**

*City Council Districts 4 & 5*

Creek Ridge Road is a two-lane minor east-west thoroughfare connecting Elm/Eugene Street, Randleman Road, and US-220. A three-lane 36 foot wide cross-section will provide a safer, less congested facility. *Project Planning Study and Preliminary Design completed. Construction expected to begin Spring 2008.*

### **Franklin Boulevard – McConnell Rd. to Bessemer Ave.**

*City Council District 2*

Franklin Boulevard is currently a narrow two-lane roadway section connecting McConnell Road with East Market Street. The Franklin Boulevard improvements in conjunction with the Florida Street Extension project will provide a continuous north-south link between East Market Street and Lee Street. *Construction expected to be complete Spring 2007.*

### **Friendly Avenue – Westridge Rd. to Holden Rd.**

*City Council District 4*

In the past two years traffic volumes have increased by 23% along this section of Friendly Avenue. There are numerous residential driveways along this heavily traveled corridor, and the lack of a center turn lane causes operational and safety problems as motorists stop in the travel lane to access adjacent properties. Projected traffic growth along Friendly Avenue will continue to add to the operational and safety problems of this facility. The addition of medians and left turn lanes will enhance the safety and capacity of this facility. *Construction expected to be complete Summer 2007.*

### **Lake Jeanette Road – Lawndale Ave. to N. Elm St.**

*City Council District 3*

This proposed project will provide additional capacity, a more consistent roadway width, continuous curbs and gutters, and continuous sidewalks. This project will enhance vehicular and pedestrian safety, pedestrian access, and provide additional capacity at key intersections. The Project also includes aesthetic enhancements such as landscaped median sections. *Roundabout at Elm/Bass Chapel construction complete; construction on the remainder of the project expected to begin Summer 2008.*

### **Merritt Drive – I-40 Bridge to High Point Rd.**

*City Council District 5*

The proposed project section is currently two lanes carrying 19,000 vehicles per day. It will be widened to five lanes and will connect to the existing five lanes from Spring Garden Street through the I-40 bridge. The bridge was replaced as part of the I-40 widening project. *Project Planning Study and Preliminary Design complete. Construction expected to begin Fall 2007.*

### **Mackay Road – Atwater Dr. to Williamsborough Ln.**

*City Council District 5*

The proposed widening of Mackay Road will improve access between the Adams Farm Area and High Point Road. The most recent counts indicated an average daily volume of 19,700 vehicles per day. *Project Planning Study and Preliminary Design complete. Construction expected to begin Spring 2009.*

## Year 2000 Transportation Bond Projects

On November 7, 2000 Greensboro voters approved \$73.75 million in bonds for Transportation Improvement Projects. These projects will improve transportation safety and aesthetics and are an important investment in the city's transportation infrastructure.

### **Battleground Avenue – Cotswold Ave. To Westridge Rd.**

*City Council Districts 3 & 4*

The section of Battleground Avenue between Cotswold Avenue and Westridge Road has experienced considerable commercial development in the past five years. This stretch of Battleground Avenue carries 31,600 vehicles per day and operates near capacity. The addition of an outbound lane will continue the three outbound travel lanes that exist up to Old Battleground Road, and the additional inbound travel lane will facilitate morning traffic flow. *Project Planning Study and Preliminary Design complete. Construction expected to begin on Brassfield Road intersection in 2008; Westridge Road intersection in 2010; and New Garden Road intersection in 2009. The remainder of Battleground Avenue widening schedule yet to be determined.*

### **Stanley Road – Hilltop Rd. to Koger Blvd.**

*City Council District 5*

Stanley Road is a major north-south connection between Wendover Avenue and Hilltop Road. The segment of Stanley Road between Koger Boulevard and Hilltop Road is a narrow two-lane roadway operating near capacity. Traffic volumes on Stanley Road have increased 36% over the past six years. Traffic volumes are projected to continue increasing at 5% per year over the next ten years. The roadway will be widened to improve traffic conditions and safety. *Project Planning Study and Preliminary Design to be conducted. Construction start yet to be determined.*

### **Church Street – Wendover Ave. to Cone Blvd.**

*City Council District 3*

Church Street is a major facility connecting the city center with northern residential areas. Currently this two to three lane roadway is nearing capacity. Traffic has increased 5% annually over the past six years and is expected to continue increasing as new development continues to the north and the city center is revitalized. Church Street will be widened to reduce congestion and accommodate future traffic demands. *Project Planning Study and Preliminary Design to be complete. Construction expected to begin in 2010.*

### **Horse Pen Creek Rd.-Fleming Rd. Connector**

*City Council Districts 4*

The Horse Pen Creek Road – Fleming Road Connector will provide a much needed east-west route for localized traffic and may one day provide a connection to a future interchange with the Urban Loop. *Project Planning Study and Preliminary Design complete. Construction partially complete; remainder of construction to begin in 2007.*

### **Florida Street Extension – Lee St. to McConnell Rd.**

*City Council District N/A - Currently in County*

The Florida Street Extension would provide a continuous north-south connector in eastern Greensboro, thus enhancing road connectivity. *Project Planning Study and Preliminary Design to be complete Summer 2006. Construction expected to begin 2009.*

### **Vandalia Rd. – Elm-Eugene St. to Pleasant Garden Rd.**

*City Council District 1 & County*

Widening of Vandalia Road from Elm-Eugene Street to Pleasant Garden Road from two to three lanes will enhance traffic flow in the area by providing a center left-turn lane, thus allowing the flow of traffic and reducing the potential of accidents involving vehicles turning left from the roadway. *Project Planning Study and Preliminary Design to be conducted. Construction start yet to be determined.*

### **Summit Ave. – McKnight Mill Rd. to Brightwood**

**School Rd.** *City Council District 3*

Summit Avenue is a minor north-south thoroughfare through northeast Greensboro. This section of Summit Avenue is primarily residential leading up from the commercial area at Cone Boulevard. Summit Avenue is expected to experience significant traffic increases with substantial development in the Reedy Fork area. This project will help mitigate future traffic congestion. *Project Planning Study and Preliminary Design to be conducted. Construction start yet to be determined.*

### **Summit Ave. – Brightwood School Rd. to Bryan**

**Park Rd.** *City Council District 3 & County*

This section of Summit Avenue has experienced considerable industrial development in recent years. Summit Avenue is expected to experience significant traffic increases with substantial development in the Reedy Fork area. This project will help mitigate future traffic congestion. *Preliminary Feasibility Study completed. Further Project Planning Study and Preliminary Design to be conducted. Construction start yet to be determined.*

### **Elm-Eugene Street – Vandalia Rd. to I-85 Bypass**

*City Council District 1*

Elm-Eugene is a major north-south thoroughfare connecting southern Guilford County to downtown Greensboro. The completion of the I-85 Bypass has altered traffic patterns. Roadway widening is necessary to meet future traffic demands. Elm-Eugene Street is the only interchange to provide direct local access to I-85 between US 421 and US 220. *Construction complete.*

Except for controlled-access facilities, sidewalks are included in the project scope of all Greensboro Transportation Bond Projects. The goal is to include sidewalks on both sides of all projects.

## FOR MORE INFORMATION

Please visit [www.greensboro-nc.gov/Departments/GDOT](http://www.greensboro-nc.gov/Departments/GDOT) to view the status of these projects as they develop or contact the City of Greensboro Department of Transportation at (336) 373-4368.